

LYDIA DURANT

NIH-Oxford Scholar 2006

Degrees: Colby College, B.A., Biology, 2005

Research Interests: Immunology



Lydia Durant graduated summa cum laude from Colby College in 2005 with a Bachelor of Arts in Biology. Lydia became excited about science through a summer research internship at the Mount Desert Island Biological Laboratories. She worked with Dr. Bruce Stanton on a project focused on the effect of arsenic toxicity on the expression of the transmembrane channel protein CFTR in killfish. CFTR is an essential component of the osmoregulatory system of the euryhaline killfish as well as the channel mutated in cystic fibrosis. Some of the academic honors that Lydia earned at Colby College include membership to Phi Beta Kappa, Dean's List for seven semesters, graduating with Honors in biology and receiving an All-Academic Athlete Award as a member of the Alpine Ski Team. Lydia's extracurricular activities include participation in the Student Women in Science Club, the Intramural Soccer and Softball teams, the Biology Club and the Division I Alpine Ski Team. She studied in Australia for a semester and completed an intensive program through the School for Field Studies in the tropical rainforest of north Queensland where she helped with environmental projects and initiatives in the local community. Lydia came to the NIH as a postbaccalaureate fellow to work in the lab of Dr. John O'Shea investigating the interleukin-12 signaling pathway in T lymphocytes. Through her experiences at the NIH, Lydia is convinced that in order to become a highly qualified scientist, it is important to interface with other projects and people in your field internationally. Lydia is fascinated with immunology and its all-encompassing role in biomedical research.